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U. S. Department of Agriculture

NEWER GLADS

1948



Boise Belle

WINSTON ROBERTS

Box 1851

Boise, Idaho

Our Location

We are located 3 miles west of Boise, 6 miles east of Eagle, just a block off Highway 44 on Collister drive. We are always happy to have glad fans and growers visit us. Most of our newer varieties and seedlings will be in bloom between July 20th and September 1st.

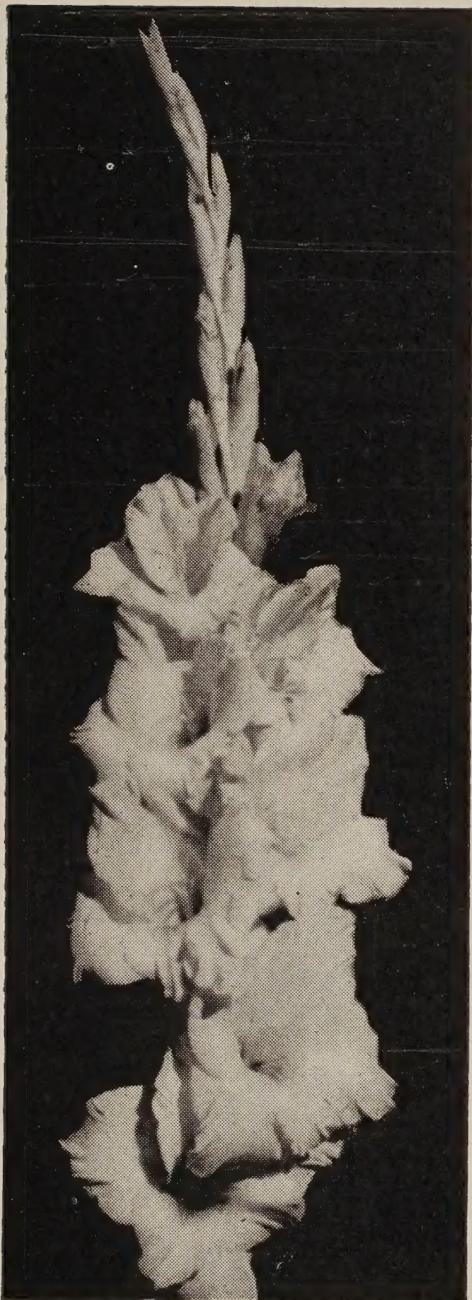
Please Read Before Ordering

Retail orders of \$2.50 or more will be prepaid in the United States, this being the minimum order we can accept. Canadian and foreign orders also prepaid, with a minimum order of \$5.00. Cash with order, or on larger orders 25% down, balance before delivery.

All bulbs are priced per each, unless otherwise noted. 10 bulbs will be sold at 8 times the price of one; 5 at 4 times price of one. Minimum single item 15 cents, please. Delivery will be made beginning in early March, as soon as safe from danger of freezing. West coast and southern orders can be sent sooner if desired. We guarantee safe arrival of bulbs by parcel post, but express shipments are insured by the carrier. In case of receipt of damaged or frozen bulbs your local Express office should be notified at once and a claim filed with them, (notify us also).

We guarantee our bulbs to be clean, healthy, and true to name. All stock is offered subject to prior sale; early ordering is advised as some kinds always sell out early. Due to planting schedule we cannot ordinarily accept bulblet orders after April 15th or bulb orders after May 1st. Note: 50 bulblets sold at the 100 rate; 250 or 500 at 1000 rate.

Bulb sizes offered are: L (Large), sizes 1 and 2 assorted; M (Medium), sizes 3 and 4 assorted; S (Small), sizes 5 and 6 assorted. In addition to Premium varieties offered, we try to be as generous as possible with overcount or oversizing, and extra varieties for trial. If you wish to send us a list of varieties from which we may select extras, we will try to comply with your wishes as nearly as possible, subject to size of order and stock on hand. We guarantee complete satisfaction with your order, or your money back. Due to varying conditions of soil and culture we cannot, of course, guarantee bulb growth or bulblet germination. Blooming seasons are abbreviated in our alphabetical listing as follows: (VE) Very early; (E) Early; (EM) Early-midseason; (M) Midseason; (ML) Midseason-late; and (L) Late.



SUN SPOT

is perhaps the most vigorous ruffled white, and one of the most beautiful as well. These two were highly rated at the Michigan trial garden last summer.

We are pleased to be able to co-introduce *Cleo*, from Mr. Youmans of New York, and *Butterscotch*, from Mr. Langworthy of California, with Gladland Acres of Oregon as introducer. We are certain that these two new glads will become very popular. Our Premium varieties are, we believe, even more outstanding than those of last season. *Seashell*, with large round satiny pink florets, would have been named "Pink Satin" had the name been available. *Orpheus* is a novelty orange with blotch that is liked by everyone seeing it. Its blotch is odd but pleasing, and the florets are nicely ruffled. Full details and descriptions of these Premium glads in the regular alphabetical list.

Greetings!

In presenting our 1948 Gladiolus catalog, we acknowledge with thanks the hundreds of fine orders sent us last season by our good customers, making 1947 by far our best year to date. While we don't have the largest or most elaborate catalog in the trade, we do try to make it a helpful one, and we hope you will find it of value in making your gladiolus selections for the coming season.

Specializing as we do in the newer sorts, many really good older glads must be dropped from our listing each year to make room for new varieties and seedlings coming on. We have neither the time or space to grow many good commercial kinds in quantity, preferring to leave this to the wholesale bulb and cutflower growers. Our 10,000 to 15,000 new seedlings growing each year from hand-crossed seed, plus hundreds of seedling selections in various stages of propagation, take up a lot of our time.

For 1948 we are introducing two new varieties that have been on test here for a number of years; we feel sure they will both be distinct additions to their respective color classes. *Boise Belle* is an unusual combination of deep pink and yellow, with many ruffled florets open at once. *White Goddess*

Roberts originations have brought in their share of favorable comment, and some of them did very well at the summer shows. *Sun Spot's* show record in 1947 is now well known — Grand Champ at Maryland, New York City, and Binghamton International; 2nd day Champ at the Montreal (Province of Quebec) show, and Best Recent Introduction at Calgary, to mention its more prominent winnings. *June Day* is gaining recognition as a first early pink commercial. We have had it in bloom in 55-58 days; about 65 days is more usual. However it does not bloom out all at once as *Daydream* and some others do, but comes on over a period of a week or ten days. *Red Cherry* has beautiful color and will make a fine early cutter; good enough to win at the shows too, taking a first at the Keystone State show. *Gavotte* has the florescence to make it a potential show winner as well as a long lasting cutflower variety. It took a first at the Dover, N. J., show and in a vase of six best varieties at Montreal. *Crimson Tide* and *Mahaska* are still unique in their color classes. Although they don't seem to do their best everywhere, those who do have good luck with these two, are very enthusiastic about them. *First Lady* apparently flecks too much to be widely popular; we still like it as a cutter for local use. *Havana* is variable. *Green Gold* is not everyone's choice for color, but many like it. *Daydream* is extremely early, but as is the case with many J. S. Bach seedlings, it makes a percentage of short spikes, and sometimes flecks.

Each year we become more firmly convinced that differences of soil and climate make it impossible for any one person to select a list of "best" gladiolus for all sections of the country. Acclimatization may help, but it is not the whole solution. Some glads that seem quite mediocre in our neutral (Ph 7) sandy loam may perform beautifully in the heavier, more acid soils of some parts of the Midwest and East. Or a variety that tends to flop or burn badly in the hot interior may bloom to perfection in the mild moist summers of the Coastal area.

With these thoughts in mind, a few candid variety comments taken largely from our field notes may be of interest, as an indication of how they performed in one section of the country. Our favorite white continues to be *Silver Wings*, although *Leading Lady* is excellent. *Oriental Pearl* seems destined for great popularity; a fine "old ivory" shade and we think it has plenty of style even though there is no ruffling. *Lake Placid* makes an excellent cut flower, the slight hooding is not at all unattractive. I don't know of a better early white than *Mt. Index* — its yellow throat is a decided asset. A pure white that comes on nearly as early, *Igloo* has won much favor here. *Pacifica* is still very much worthwhile; tall, many open, and a fine cutter. Of the new whites, tall *Strathnaver* is surely one of the very finest. *Virgin* showed up much better than previously, it opens a lot at once. *White Wings* from Australia may be a contender when fully acclimated. Two heavily ruffled whites that made a good first impression were *White Magic* and the 1948 release *White Christmas*. Our favorite blotched whites are *Silver Star* and *White Challenge*. The former is a handsome tall pure white with a very distinctive light purple blotch, while *White Challenge* shows a softer rose throat on blush white ground. On the blue side of white is *Heavenly White*; a creamy white with a faint pinkish tinge is *Beauty's Blush*. It probably takes a heavier soil than ours to bring

out the full color and beauty of these two. *Corona* is still very popular. *Candy Splash* is somewhat similar, with perhaps better attachment but not as good a propagator.

Our first pink, and usually the first glad of any color to bloom is *June Day*. *Donella* follows very closely; Harold Janes says these two bloomed the same day for him. *Daydream* and *Truelove* come into bloom shortly after these two. *Truelove* is the more consistent, a really fine light pink. We like *Pink Charm* for its earliness and Picardy type flowers; it has a long flowerhead but stem seems to be rather short. *Geraldine* is a very pretty ruffled light salmon, early-midseason bloomer. *Western Star*, a Picardy sport, is a beautiful light pink, but *Lady Luck* is very nearly the same shade and I believe a more reliable bulb maker. *Lady Luck* is a great glad. *Bengasi* surprised us by giving some marvelous spikes, tall, straight and fine. *Genghis Khan* was better than previously here, but *Eglantine* continues to come short, perhaps another glad that has a preference for clay soil. I have always admired the fresh pink color of *Phoebe*; this Dr. Scheer variety has always been a good doer here. *Deborah Sampson* might be called a much improved *Duna*; a very promising pale flesh pink. I like *Essa Marie* very much. The new *Prosperity* looks like a comer; a most attractive ruffled pink with an infusion of light rose. The deeper shades of pink embrace a number of really good ones: *Summer Gal*, *Spic and Span*, and *Personality*, a magnificent trio. Others, slightly older but great favorites, are *Mystery*, *Madeleine Brown*, *Pioneer*, *Daisy Mae*, *Bridesmaid*, *Glamis*, and *Midway*.

The rose pink class has been augmented by some grand newcomers. *Topflite* and *Treasure Island* were real standouts in our trials last summer. *Topflite* is a true medium rose with small unobtrusive blotch of deeper rose; *Treasure Island* is a light pink with rosy undertone. *Betty's Choice* has the same attractive orchid rose color as *Coutts' Orchid*. *Venida* looks promising, making a nice conservative spike of attractive color. *Diadem* looks as if it were related to *Oregon Rose*, but the originator says not. The two are quite similar except that *Diadem* has a small lighter throat. We have always admired *Roséa*, practically a rosy pink Picardy. *Dawn Glow* is another favorite of ours; a delicate blend of several shades of rose and cream. *Miss Wisconsin* is deeper in tone, and is a wonderful performer here. Deep rose red *Burma* is without a peer in the deeper tones, although we like *Fuchsia Belle* very much too. *H. R. Hancock* may belong in this class; its cherry rose color is a little hard to classify but it is very showy and a fine glad.

Purple Supreme and *Vulcan* are our best performers in the purple class; *Lancaster* has not been as good here as it seems to be elsewhere. *Fuchsia Maid* may be a good commercial purple; it has the color of old King Lear with slightly smaller flowers but much better attachment. *Eunice Ewing* is most distinctive. Our three lavender standbys are *Elizabeth the Queen*, *Huntress*, and *Myrna Fay*. We never seem to have enough of this color to satisfy our florist customers, and for cutting *Abigail* and *Peggy* look promising. *Wedgewood* is not large but daintily colored and beautifully ruffled. *Zelladee* is much deeper, also with light throat. We haven't found many so-called blues that are worth growing, but we do like *Abu Hassan* and *Indigo* for their fine deep violet blue color, good bulbs, fairly good increase and strong stems of medium height. *Blue Beauty* grows taller and still seems the best grower of the mid-blues. Better

Times and *High Life* are new ones of good color; *High Life* is taller and probably better. We haven't tried *Ravel*, but have heard good reports on it.

Our "big three" in the yellows are *Crinklecream*, *Golden State*, and *Spotlight*. All are good cutters and contenders for show honors as well. *Vangold* has fine color and is almost as early in its blooming season as *Early Gold*. *Tahlahneka* is a potential winner in the 510 class with its very large light yellow flowers. One of the best novelties we have seen for some time is creamy yellow *Sparks*, with its large splash of color in the center. *Grenadier* is a grand orange-buff, but has not been a good propagator with us. We have heard fine reports about Palmer's *Patrol*. *Susquehanna*, *Helen of Troy*, and *Sunlight* are good in various shades of buff and apricot, but our *Sun Spot* seems supreme here. *Orange Gold* is one of the very brightest spots in the garden, a glad that everyone likes and wants to own. *Tuts Both* is a beautiful burnished orange with a typical Picardy flower. *All Glory* and *Delilah* should be opened indoors; like many orange glads they will fade in hot sunshine. *Gratitude* is a good cutflower with nicely ruffled florets. *Aleta* is a tall strong grower, as is *Kestrel*. *Glow* seemed to be a very early bloomer; a good cutflower type in soft orange-buff. *Crackerjack* bloomed fairly early also; we like it.

We consider flame scarlet *Dieppe* one of the finest of all glads. *Gracie Allen* and *Red Cherry* are surely coming commercial and show varieties in light red. *Animation* looked very promising in its initial blooming here. *Errey's Scarlet* makes marvelous spikes with its many open flowers. We didn't see enough of *J. Von Konynenberg* to comment at length, although it bloomed quite well from the bulblets we had. Probably the finest red we had in our garden last summer was *Mighty Monarch*, which we consider one of the best glads from Canada in recent years. Surely a fitting name for this very tall strong grower. *Mid-America* may be even more of a giant; it made wonderful growth and bloom from No. 5 bulbs, with huge smoothly colored bell-like flowers. Other all-time favorites here: *Gladness* for its extra early blooming season; *Firebrand* for its fine color and fluorescence; *Mountain Gem* for consistent performance and good cutting qualities; *Red Charm* and *King Click* for all around performance; *Red Rascal* and *Crimson Tide* for their ruffling; *Kenwood* and *Birch Red* for smooth clear coloring; and *Tarawa*, its beauty and brilliance more than offsetting its slightly short stem. *Royal Robes* could hardly be called a black red, yet it is much darker than most of the above varieties. Its stem is not too long, but for rich color and ruffled style it will be hard to equal. *Danny Danton* is very dark with a ruby-like sheen; its bulblets should be cracked before planting. We still like *Matoaka* for its tall spikes and earliness but some of the newer black reds will probably soon crowd it out. We were particularly impressed with *Mrs. R. G. Errey* and *Maurrie Trevan* among the new ones.

While the smoky varieties have limited commercial use, we have had quite a good demand for those of better color, such as *Oklahoma*, *Pastel*, *Sandman*, and *Quaker Beauty*. *Flying Fortress* is huge; one spike is a bouquet in itself. *Robinson Crusoe*, *Rolla*, and *Voodoo* are very odd; most people like them. *Dusty Miller* from first year's trial seemed very promising; color, placement, attachment and substance were most satisfactory, and it is a fine propagator.

1948 *Introductions*

BOISE BELLE

A most unusual and beautiful combination of colors, about equal parts of deep pink and yellow. The clear yellow lip petals have a dainty picotee edging of pink, which color extends to the outer edges of all the petals. It opens 9 to 12 nicely ruffled 4 to 4½ inch florets on a tall spike of 20-22 buds, flowerhead 26 inches, total height 54 to 56 inches. A fairly good propagator, good germinator, and makes nice bulbs. *Boise Belle* is one of the few heavily ruffled varieties capable of opening a large number at once, with most of the remaining buds showing color. Blooming time is late-midseason; it should be planted by May 1st or before to bloom for August shows. Scored 83 at Michigan Trial Garden, 1947. Formerly seedling 549-1; parentage, (Picardy x Betty Nuthall) X (Wings of Song x Maid of Orleans).

Bulbs, any size, \$4.00 each. One bulb and 10 bulblets for \$8.00; bulblets not sold separately this year.

WHITE GODDESS

About the strongest grower of the new whites we have seen, with the possible exception of Strathnaver. Six foot plants are not uncommon, with extra long flowerheads. 7 to 9 heavily ruffled well-placed florets, 5½ inches or larger, on 20-22 bud spikes. Color is clear white shading to light cream center. Early-midseason bloomer, about 80 days. A fine propagator, near 100% germinator, and a good bloomer from all sizes and bulblets. *White Goddess* was one of the top scoring varieties at the Michigan T. G. last summer with a rating of 85. Formerly seedling 262-1; parentage, Myrna x Heritage, selected strain). A good stock permits a moderate introductory price. Bulbs, any size, \$2.00 each. One bulb and 10 bulblets for \$4.00; bulblets not sold separately this year.

1948 CO-INTRODUCTIONS

CLEO

A fine new variety that we had the pleasure of growing as a seedling from Mr. F. E. Youmans. This is a beautiful creamy pink or flesh colored glad with a darker spot in the throat. Not only is the color most attractive, but floret form is very unusual and pretty. The inner petals are oddly crimped unlike anything I have ever seen. About 4½ feet tall, with 7 or 8 good sized florets open on an 18-20 bud flowerhead. *Cleo* attracted a lot of attention in our trials last summer, and we predict much popularity for it in coming years. Bulbs (each), Large \$5.00, Small \$3.00. One large bulb and 10 bulblets for \$10.00.

BUTTERSCOTCH

A grand new gladiolus in the giant light salmon class. Might be called a yellowish buff with salmon pink infusion toward the edges and a deeper throat feather. It should make a fine commercial, and has already proved its worth for exhibition, winning Champion Seedling honors at last summer's Southern California show. Blooms

well from all sizes; a fine grower and propagator. Midseason. A seedling from Mr. Langworthy of California, being introduced this year by Gladland Acres.

Bulbs (each), Large \$1.25, Medium \$1.00, Bulblets 2—.30, 10—\$1.25.

GENERAL LIST

ABIGAIL (Myers-Milo) (EM) A new lavender that blooms earlier than Minuet and opens several more florets at a time. Not as early as Huntress or Myrna Fay, but a worthwhile variety in its season. Of medium height; a good propagator. Color is quite clear with us.

L \$3.00, M \$2.00, S \$1.00, Bulblets .40, 10—\$3.00, 50—\$12.00

ABU HASSAN (Holland) (EM) This seems to be the best dark blue to date with the possible exception of Indigo. In fact these two are so outstanding that we are discarding all others in this color. Reminiscent of old Pelegrina, but with a brighter sheen and the stem is straight and of good height. Quite a good propagator. L. .25, M .20, Bulblets 10—.25

ANIMATION (Butt) (M) One of several very promising new varieties we had from Canada the past summer, and probably one of the best new light reds of recent introduction. A self scarlet red with small white lines radiating from the center; several open florets on a tall husky plant.

L \$3.00, M \$2.00, S \$1.25, Bulblets .40, 10—\$3.00, 25—\$6.00

ASTRID (Jack-Gove) (E) This new rose colored glad seems quite similar in color to Rose Delight by the same originator, but is probably a more consistent performer. It starts blooming early, continuing over quite a long period. A good grower and propagator.

L \$1.50, M \$1.00, S .75, Bulblets 3—.25, 10—.60

BALLAD (Palmer) (EM) A fine reliable light salmon pink with creamy center. Of medium size and not as spectacular as some of the newer pinks, Ballad is still one of our favorites for beauty and all around performance. About six nicely ruffled florets open on a tall willowy spike.

L .20, M .10, S .07, Bulblets 40—.20, 100—.50

BEAUTY'S BLUSH (Fischer) (EM) A very pale blush pink that was almost white in our garden. We understand that heavier soils tend to bring out more of the pink in this variety and other very light colored glads. About 7 good sized florets open on nice spikes; a good grower and good propagator.

M \$1.25, S \$1.00, Bulblets 2—.20, 10—.80

BENGASI (Cave-Graff) (EM) We hadn't tried this variety until last summer, having heard that it was variable in performance. But if it continues to do as well, Bengasi will certainly be grown by us for many years to come. It opened several fine large round flowers on tall straight spikes. The color is excellent, clean soft pink with light rose throat, and it did not crook for us. Much admired by everyone who saw it in our garden.

L \$3.00, M \$2.00, S \$1.00, Bulblets .25, 10—\$2.00

BERNADETTE (Silva) (M) Informal light pink sport of Picardy. The color is quite different, yet there is no doubt in my mind that it is a true sport; in fact a few spikes showed a touch of the Picardy throat color, altho most had a lighter center.
L \$3.00, M \$2.00, S \$1.50, Bulblets .25, 10—\$2.00, 25—\$4.00

BETTY'S CHOICE (Harris) (M) Has been called an improved Coutts' Orchid. From first blooms it seemed to be quite similar in color, not quite as large but with better floret attachment.
M .50, S .25, Bulblets 4—.25, 10—.50, 25—\$1.00

BIRCH RED (Rich) (M) Nice smooth dark red; tall stem, medium flowerhead. Looks like a much improved Rewi Fallu, a very rich shade of red and not too dark to have plenty of sparkle.
L \$3.00, M \$2.00 S \$1.00, Bulblets .25, 10—\$2.00, 25—\$4.00

BLUE BEAUTY (Pfitzer) (E) Still seems to be the tallest, strongest of the mid-blues. Eventually some of the newer Holland blues may take over the place long held by Blue Beauty in the commercial field, as color is not as clear as it might be. But it is outstanding for vigor, bulblet increase and production of healthy bulbs.
M .07, S .05, Bulblets 100—.35

BOBBY DAZZLER (Both-Evans) (EM) Really a dazzling color, this brilliant orange red is well named. Placement is usually quite good, rather informal on some spikes. Good growth and increase. A color that makes an instant hit with most people.
L .20, M .15, S .10, Bulblets 20—.25, 100—\$1.00

BOISE BELLE (Roberts) New ruffled pink and yellow. See 1948 introductions.

BOLERO (Leffingwell) (M) Strictly a novelty, Bolero is an older variety still much in demand. We have found those who see it for the first time divide about 50-50 in their liking or disliking for this variety. It is certainly unusual—a smoky orange with large maroon blotch, florets oddly fluted and often laciniated.
L .10, M .07, S .05, Bulblets 40—.20, 100—.50

BRIDESMAID (Wheeler) (EM) A good reliable salmon pink cut-flower variety that has also garnered its share of ribbons at the shows. Creamy throat. Due to its lack of ruffling it is perhaps not quite as refined as some of the newer pinks, but its fine commercial qualities will keep it in the running for some time to come.
L .65, M .45, S .25, Bulblets 10—.30, 100—\$2.40, 250—\$4.50

BUCKEYE BRONZE (Wilson) (M) One of the few so-called "odd" colors that florists can use. A rich autumn bronze color, not too dark. Combines beautifully with yellows, light blues, and other colors. A great show winner in the 490 class.
L .15, M .10, Bulblets 100—.35

Your bulbs look the best of any I have received this year; your climate and soil must be just right to raise such nice bulbs.

(F. T. A., Pennsylvania)

BURMA (Palmer) (EM) A marvelous ruffled deep rose red that everyone seems to like. Opens up a lot of flowers at once, and about all the rest of the buds show color to make a grand display. Burma is one of those glads that can be seen "a mile away," and is one of the first to be singled out for close inspection by garden visitors. A good bulb maker and a fine propagator.

L .25, M .12, S .06, Bulblets 20—.25, 100—\$1.00

BUTTERSCOTCH (Langworthy-Gladland) New buff salmon. See 1948 Co-Introductions.

CARNIVAL (Butt) (M) An unusual and very pretty combination of colors; red with pure white throat. This variety gave fine growth from small bulbs and bulblets, and should be very popular.

L \$3.00, M \$2.00, S \$1.25, Bulblets .25, 10—\$2.00, 25—\$4.00

CLEO (Youmans) New creamy pink with markings. See 1948 Co-introductions.

COLOGNE (Roberts) (EM) New tall deep pink of medium size with a very definite fragrance. A much improved Incense, from which it is a seedling. We consider this variety and Perfume to be the most fragrant of all scented glads that are easily grown in the garden. (Some fragrant species and hybrids of species are more fragrant but they must be grown in mild climates or under glass). Cologne opens five or six 4-inch flowers on tall willowy spikes. Not for sale this year, but we will give one bulb free (only if requested) with each order of \$10.00 or more from this list. Only one bulb to a customer.

COMMANDO (Palmer) (EM) Very tall bright scarlet red with faint white lines. Nicely rounded florets. Makes a tall, heavy plant that should be well hilled up. Not a fast propagator, but a glad that has always done well for us; certainly a showy variety.

L .40, M .30, S .20, Bulblets 10—.25

CONNECTICUT YANKEE (Schenetsky) (EM) A beautiful formal light pink with rosy throat. We had many real exhibition spikes last summer, with 10 open in a perfect double row. Not one of the fastest propagators, but fairly good for us, and germination was excellent. Grand Champion spike Montana, 1947. Should become very popular.

L \$2.00, M \$1.50, S \$1.00, Bulblets .25, 10—\$2.00

COUTTS' ORCHID (Coutts) (M) Still one of the finest for color in the rose pink class. Clear light rose with large cream-white throat. Placement and attachment could be better; florist use may be limited on this account. A fairly good propagator.

L .25, M .20, Bulblets 20—.25, 100—\$1.00

COVENTRY (Glass) (M) Creamy buff with red feather. In general effect a little like Sun Spot but not as pretty. Has a smaller throat marking than its sister seedling Sparks, and the color contrast is not quite as marked. Makes a nice spike with several open flowers; apparently a good propagator.

L \$2.50, M \$1.50, S \$1.00, Bulblets .25, 10—\$2.00

Your SUN SPOT Grand Champ at New York City was really fine; it well deserved the honor. (A. B., New Jersey)

COVER GIRL (LaSalle) (M) A very tall deep pink with many large rounded florets open at once. Not particularly distinguished either in color or form, and attachment is rather loose. In spite of these faults it makes quite a show in the garden and many visitors admire it very much. Fine propagator.

L .50, M .35, S .20, Bulblets 4—.25, 10—.50, 100—\$4.00

CRACKER JACK (Allen) Nice salmon orange with reddish throat markings. Flecks sometimes, but still attractive. It opens 7 good sized blooms at once, with florets closely placed on a fairly tall stem. Not quite as large or showy as Mahaska, but probably a more reliable grower.

M .35, S .20, Bulblets 10—.25

CRIMSON TIDE (Roberts) (M) Heavily ruffled, very thick petals. Rich crimson red with a small area of white in throat sometimes extending to the midribs. Five or six 5-inch flowers open. A red that is different. Quite a good propagator but bulblets are rather hard to germinate.

L \$1.50, M \$1.00, S .75, Bulblets 2—.25, 10—\$1.00, 100—\$8.00

CRINKLE CREAM (Ellis) (M) One of our standbys in the yellow class. Not as deep in color as Golden State, but one of the prettiest and becoming one of the most popular of all yellows.

L .25, M .15, S .10, Bulblets 10—.20, 100—\$1.50

DAISY MAE (Lins-Ruble) (M) Orange pink with deeper throat. Very large and very tall, opening 7 or 8 nicely rounded well-placed florets. Its color is perhaps not quite as refined as some, but in our opinion its fine habits of growth and propagation and its excellent cutting habits make Daisy Mae a very worthwhile variety.

L \$1.00, M .75, S .50, Bulblets 2—.25, 10—\$1.00, 100—\$8.00

DANNY DANTON (Kaylor) (EM) Smooth dark self colored garnet red. Stem could stand a little more height, but for color it is one of the richest and best of the dark shades. Bulblets don't seem to be very good germinators, should be cracked or peeled.

L .25, M .20, S .15, Bulblets 10—.20, 100—\$1.60

DAWN GLOW (Jack) (EM) A very large pale rose pink, tending to deepen in color after the flowers have been open a day or two. We think one of the loveliest colors to be found in glads. About 7 open, nicely ruffled; medium-tall stems.

L \$1.20, M .90, S .60, Bulblets 2—.20, 10—.80

DAYDREAM (Roberts) (VE) An extremely early blooming ruffled pale pink with 7 to 9 large flowers open and most of the remaining buds showing color. This variety seems to be rather variable in performance, as are many J. S. Bach seedlings; makes some short flowerheads and sometimes flecks rather badly. Apparently has also inherited Bach's slow bulblet germinating qualities. Daydream and June Day continue to vie with each other for the title of earliest bloomer. June Day is a better commercial, but Daydream can make exceptionally fine spikes.

L \$1.00, Bulblets 2—.25, 10—\$1.00, 100—\$8.00

DEBORAH SAMPSON (Scheer) (M) One of the promising newcomers to our last summer's trial garden. Reminiscent of the older Duna, but improved in every respect and with more life to the flower. Clear pale flesh color, several large flowers open on tall spikes.

L \$2.50, M \$1.50, S \$1.00, Bulblets .25, 10—\$2.00, 25—\$4.00

DELILAH (Scheer) (M) Distinctive salmon-orange that is pleasing in color but tends to fade quite badly in hot sunshine. Very nice when cut in bud and opened inside. Good propagator.

L \$2.00, M \$1.25, S .75, Bulblets .20, 10—\$1.50, 100—\$10.00

DIEPPE (Hassall) (EM) One of our personal favorites and we believe one of the very best Canadian originations of all time is flame colored Dieppe. Hard to classify as to color, probably scarlet rather than deep pink, but in any case one of the most attractive and finest glads of recent years. Large, tall, many open. We have seen no crooked spikes in our planting. A good grower and fine propagator, it will open 7 to 9 florets regularly.

L .75, M .50, S .35, Bulblets 4—.20, 10—.50, 100—\$4.00, 250—\$8.00

DREAM CASTLE (Lins) (M) Medium pink with cream throat, can open as many as 10-12 at once. Good stem, medium flowerhead.

L .35, M .25, Bulblets 10—.25, 50—\$1.00

DUSTY MILLER (Elliot) (M) Oriental colors in a smoky that is different, and on one year's trial we think quite attractive. Its good substance, firm attachment and perfect placement are perhaps the first qualities to be noticed. A Vagabond Prince seedling, but does not resemble that variety, being more of a bluish-gray with brighter center. A color that grows on one. A very fine propagator and a strong tall grower.

M .50, S .25, Bulblets 2—.20, 10—.75, 100—\$5.00

EARLY GOLD (Butt) (VE) Earliest yellow. This comes on so early that it is a most worthwhile cutflower variety even though florets are a little on the small side. Opens 6 or 7 on a good slender spike, nice flowerhead. Fine propagator.

L .25, M .12, S .08, Bulblets 20—.25, 100—\$1.00

ELIZABETH THE QUEEN (D. W. White) (M) Still by far the finest lavender glad we know of. Some growers still report that it makes short spikes, but ours have always been plenty tall, and for color and beauty of form it is most outstanding. We regularly get 4½ foot spikes (irrigated, of course), with 7 to 9 large heavily ruffled flowers open at a time.

L .15, M .10, S .06, Bulblets 100—.40

ERREY'S SCARLET (Errey) (EM) Huge tall bright red with a lot of flowers open; we have had spikes with 12 to 14 open at once. Not many varieties can equal such florescence. Some stems will bend under the weight of such a flowerhead, noticeable mostly in event of wind or rain. An Australian variety that should be more widely grown.

L .25, M .20, S .15, Bulblets 10—.20, 100—\$1.50

ESSA MARIE (Coutts) (M) A nice smooth light pink that never flecks for us. Could be a little taller, fairly good height though, and we like it very much with its clear pink round florets, 6 or 7 of which open at a time. Fine propagator and bulblets have germinated well for us, some report slow sprouting.

L .35, M .25, S .15, Bulblets 10—.30, 100—\$2.40

EUNICE EWING (Kaylor) (M) Most unusual in color—a real novelty. Clear medium violet-purple with a large creamy white throat. Tall spikes which may occasionally kink a little. Florets medium size, of such distinctive color that everyone likes it. An improvement on the older variety Gloaming.

L. 50, M .35, S .25, Bulblets 10—.35, 100—\$2.80

FAY (Jack) A rather deep pink, fairly early to bloom. Makes a large percentage of good spikes, although we have had some come short. Is gaining a reputation as a good cutflower variety. Good propagator.

M .20, S .12, Bulblets 10—.30, 100—\$2.40

FIREBRAND (Butt) (M) A vigorous growing “house afire” red that makes a beautiful compact spike with 7-9 open. The more we see of Firebrand the better we like it; one of the best of the newer reds. A fast propagator, good bulblet germination.

L .40, M .30, S .17, Bulblets 10—.25, 100—\$2.00

FIRST LADY (Roberts) (M) Deep pink with small white throat. Sometimes flecks rather badly. A reliable cutflower glad for local use. No bad crooks with us, although an occasional slight “kink”.

L .50, M .30, S .20, Bulblets 4—.20, 10—.40, 100—\$3.00

FLORENCE NIGHTINGALE (Harris) (M) A new white from Canada that we grew from bulblets only. Comes well recommended, and it made fairly nice spikes of good color and form from the bulblets.

M \$1.25, S .75 Bulblets .20, 10—\$1.50

FLYING FORTRESS (Wilson) (M) Huge smoky gray that can make spectacular spikes. A small red feather brightens up the color. A little variable, but at its best perhaps the largest glad grown. Capable of making very long flowerheads with 10 or 12 open, some have reported 8-inch flowers.

L .80, M .55, S .30, Bulblets 4—.25, 10—.50, 50—\$2.00

FORT GARRY (Glass) A new Canadian red that we grew from bulblets which either did not bloom or we missed seeing them. It is reported to be a fine commercial variety.

M \$2.00, S \$1.25, Bulblets .25, 10 \$2.00, 25—\$4.00

FUCHSIA BELLE (Almey-Polinsky) (EM) Quite unique in its particular shade of deep rose red. A very smooth color, brighter than Burma, but minus the ruffling. Near the color of Paul Revere, but taller. One of the very good newer introductions.

L \$1.25, M \$1.00, S .75, Bulblets 2—.25, 10—\$1.00, 25—\$2.00

SUN SPOT is one of the finest varieties in existence — Congratulations! (C. T. L., Connecticut)

GAVOTTE (Roberts) (EM) Daintily colored soft pink shading to cream in the throat, with 6 to 8 nicely frilled florets of good size open on a tall stem, medium flower head. A very beautiful variety, lasting unusually well when cut.

L \$1.50, M \$1.00, S .75, Bulblets 2—.25, 10—\$1.00, 100—\$8.00, 1000—\$64.00

GERALDINE (Pruitt) (EM) This glad excels in color and ruffling. A beautiful light salmon of medium size and height. A good propagator; early-midseason bloomer.

M .20, S .15, Bulblets 10—.25, 50—\$1.00

GLADNESS (Holland) (VE) An extremely early red of good cut-flower type. Opens about 5 or 6 good sized flowers on a tall stem. Good propagator and germinator, placement and attachment very good. Not as large as J. S. Bach, but an improved color, and it blooms fully as early.

M .20, S .15, Bulblets 10—.20, 50—.75

GLAMIS (Palmer) (EM) We have always been fond of heavily ruffled glads, and Glamis is one that we have liked for many years. Grows from 4 to 4½ feet tall here, with about 6 open. Beautiful and refined in color and form; its heavy substance enhancing the stylish ruffling. Deep pink with cream throat.

L .15, M .10, S .07, Bulblets 25—.25, 100—.75, 500—\$2.50

GLOW (Howell) (E) This looks like a very good new one in the early varieties. A glowing self shade of salmon-orange that is most attractive. Tall stem, florets of good size with several open at once. Seems to be a good propagator.

L \$1.50, M \$1.00, S .75, Bulblets .20, 10—\$1.50

GOLDEN STATE (Wheeler) (M) Surely one of the finest yellows for any purpose; a large sized variety of excellent color. Just a little later to bloom than Crinkle Cream, and a deeper shade. We get about 50% germination on bulblets.

M .35, S .25, Bulblets 10—.30

GRACE ESTELLA (Youmans) (M) A nice ruffled light pink something on the order of Gavotte. Medium height.

L .35, M .30, S .20, Bulblets 10—.30, 100—\$2.50

GRACIE ALLEN (Wilson) (M) We consider this one of the very best of the scarlet reds; with Red Cherry our choice in the lighter, brighter shades that are so useful for floral work. A good propagator, and bulblets germinate well.

L .80, M .60, S .40, Bulblets 3—.25, 10—.60, 100—\$4.80

GRATITUDE (Fischer) (EM) Called an improved Barcarole, this new orange-salmon is tall, with nicely ruffled florets of medium size. Opens about 5 on a graceful willowy spike.

L .75, M .60, S .50, Bulblets 4—.25, 10—.50, 100—\$4.00

GREEN GOLD (Roberts) (EM) Unique yellow with a distinct greenish cast. Not everyone's choice for color, but it is a good grower opening about 6 large well ruffled florets on tall stems. A very fast propagator; bulblets germinate only fairly well.

L .50, M .40, S .30, Blts 4—.25, 10—.50, 100—\$4.00, 1000—\$25.00

HARMAU (Both) (E) Quite an attractive color, sort of a rosy salmon-scarlet. Opens several large florets, not too well attached at times, on a fairly tall spike. Believe this should have a place as an early florist variety.

M .06, Bulblets 100—.35, 1000—\$2.00

HAVANA (Roberts) (E) Medium sized ruffled bronze with orange red throat. A novelty that does better at home than elsewhere apparently. Most reports we have received have not been very favorable—short stems, stubby flowerheads, etc. We get 4-foot spikes, 6-7 open on quite good heads. Fairly good propagator, rather slow germinating bulblets.

L \$1.00, M .75, S .50, Bulblets 2—.20, 10—.75, 100—\$6.00

H. R. HANCOCK (Both) (EM) A unique and most attractive color, a light rosy red or cherry red with cream white throat. Opens quite a lot of good sized florets on a tall stem, medium flower-head. Good placement and attachment. Fine increase.

L .50, M .35, S .20, Bulblets 10—.30, 100—\$2.40

HUNTRESS (Jack) (VE) A really fine early lavender; hard to guess which will eventually become more popular, this or Myrna Fay. Both are very early and very good. Huntress has formal placement with up to 8 open on quite tall stems. A good producer of bulblets which have been good germinators with us.

L \$1.00, M .70, S .45, Bulblets 3—.20, 10—.60, 100—\$4.80

IGLOO (Butt) (E) A white we really like, blooming nearly as early as Mt. Index. Igloo has pure color, tall stems with 6 or 7 large flowers open at once, and propagates well. Aside from the white Picardy sports this is one of the best whites we have grown.

M .30, S .17, Bulblets 10—.30, 100—\$2.40

INDIGO (Errey) (EM) A nice dark blue-violet of smooth color. Very similar to Abu Hassan, although the latter may be a little taller.

L .15, M .10, S .05, Bulblets 40—.20, 100—.50

JUNE DAY (Roberts) (VE) Extremely early pure pink with small cherry throat markings. Seems to have inherited the best qualities of its parents (Schwaben Girl and Sonatine) but is earlier than either. Nearly always the first glad to bloom in our planting, it is the earliest pink with the possible exception of Donella and Daydream. Blooms over a fairly long period, but large bulb blooms are all off before Rosa van Lima and other so-called early pinks come into bloom. Good propagator of bulblets which sprout and grow well. Larger bulbs make many jumbo bulblets, which in turn produce many 1's and 2's the first year. 6-7 well placed florets of 4½ inch size open on long flowerheads of 20-22 buds, tall stems. We have had fine reports on the commercial possibilities of June Day from large growers.

L \$3.00, M \$2.00, S \$1.00, Bulblets .40, 10 3.00, 100—\$24.00, 1000—\$144.00

Your shipment was the finest lot of bulbs I received this year; I surely appreciate your generosity in filling this order too.

(C.L.O., California)

KENWOOD (Lins) (M) Pure spectrum red; a shade that has been called "Christmas" red. Its huge round flowers do indeed resemble Christmas bells, and are usually well placed on tall stems. Everyone likes Kenwood, and the only fault we have found with it in several years of growing is an occasional crooked spike.

M .15, Bulblets 15—.25, 100—\$1.00

KESTREL (Palmer) (E) An unusually strong growing orange with salmon shadings and light yellow throat. A little on the coarse side, perhaps, with stems like young cornstalks, but a glad that likes to grow and we like to grow it. Opens quite a lot of large florets, usually well placed but slightly upright facing. A heavy propagator.

L .75, M .50, S .25, Bulblets 10—.35, 100—\$2.80, 250—\$5.00

KING CLICK (Wilson) (M) One of the fine reds from George Wilson who has given us so many good ones in this color. Fine bright color, tall stems and good flowerheads. Placement not always perfect but usually quite good.

L .15, M .10, Bulblets 40—.20, 100—.50, 250—\$1.00

LADY LUCK (Harris) (M) For real beauty of form and color, plus regularity of performance, here is a pink that is hard to beat. This is one Picardy sport that has never yet given us a short or stubby spike. Soft, smooth light pink with no markings; 7-9 open, florets a little smaller than Picardy but large enough. A beautiful flower that should be a winner at the shows and a fine commercial. Grand Champion spike at Minnesota, 1947.

L .50, M .35, S .25, Bulblets 4—.25, 10—.50, 100—\$4.00

LAKE PLACID (Wilson) (M) A very pretty cream with light yellow center. Tall slender stem, fine long flowerhead. 6-7 good sized flowers open at once. The slight hooding of the florets does not detract, in our opinion. An A-1 commercial variety.

L .80, M .50, S .30, Bulblets 4—.25, 10—.50, 100—\$4.00, 250—\$8.00

LANTANA (Palmer) (E) Shades of orange and yellow. Not very tall, but an early bloomer that is always welcomed by the florists. A fast propagator and good bulb maker.

M .06, Bulblets 100—.40, 500—\$1.25

LARIME (Wilson) (M) A big bold rather deep orange with darker throat. Primarily an exhibition variety, it has been a heavy show winner. A good cutter too, except that large bulbs give a percentage of crooks in hot weather. Very fine in late season. Opens well from tight bud.

L .50, M .35, Bulblets 10—.25, 100—\$2.00, 500—\$6.50

LEADING LADY (Johnston) (M) Fine cream sport of Picardy, so well known it hardly needs description. It seems to be even more popular than Silver Wings in some sections of the country, although we give the latter a slight edge for its whiter color. Leading Lady is now being grown in huge quantities for commercial use, and it has been a great show winner in recent years.

L .20, M .12, S .08, Bulblets 20—.25, 100—\$1.00, 500—\$4.00

Received my order today in excellent condition. I don't see how you can be so generous with extras and overcount on a small order like mine. (J. K., Milwaukee)

LIPSTICK (Balentine) (M) A blotched glad that is really beautiful as well as different. The ground color is light pink, with a large blotch of lipstick red. Florets are lightly frilled, about 6 open. Not quite as large but more brilliantly colored than Connecticut Yankee. The only fault we have been able to find with it is that a few stems will crook, especially from large bulbs. A very fast propagator of bulblets that nearly all grow.
M .15, S .10, Bulblets 15—.25, 100—\$1.25

MADELEINE BROWN (Maier) (M) Large salmon pink that seems identical with a good spike of Picardy. If it continues to make 100% good spikes it should take over the Picardy cutflower market in time. Where Picardy usually gives us up to 50% stubby spikes, Madeleine Brown has always given long stems and flowerheads.

L .40, M .25, S .12, Bulblets 10—.20, 100—\$1.50, 250—\$3.00

MAHASKA (Roberts) (M) Orange salmon with deeper throat; can be grown to huge proportions, 7-inch florets have been reported. With field culture ours average about 5½ inches, with 6 open at a time. Quite a distinctive color, performance variable. A good propagator and germinator.

L .25, M .15, S .10, Bulblets 10—.20, 100—\$1.50

MARION PEARL (Benedict) (M) Clear pure pink with 8 or 10 open, florets usually well placed. An average propagator, it has been in great demand since its introduction. Grows best for us in very ordinary soil; stems seem inclined to kink with too much fertilizer. Can be one of the very finest glads in the garden, and has been a great show winner.

L .75, M .50, S .25, Bulblets 3—.25, 10—.60, 50—\$2.40

MARLENE BOTH (Both) (E) One of the good early varieties. A nicely ruffled light salmon with about 6 open. A fairly tall rather limber stem that might have a tendency to go down in wind or rain; it holds up well in our dry summers. Not quite as dainty in appearance as Geraldine but seems taller and earlier to bloom.

L .50, M .35, S .25, Bulblets 10—.30, 100—\$2.40

MATOAKA (Brauer) (E) Still the best early black red we have found. Rich deep color, tall stems, good propagation and early blooming habits are responsible for our liking for this variety.

L .12, M .08, S .05, Bulblets 100—.30

MIDWAY (M) A deep pink variety that is being grown in quantity on the West coast. The color is good, a slightly subdued shade of medium to deep pink with lightly waved florets. 6-8 good sized florets open on a tall straight spike. If you can't yet afford Spic & Span, try Midway.

L .20, M .15, S .10, Bulblets 20—.25, 100—\$1.00

RED CHERRY grew like mad — gave us a fine spike with 7 open, lower floret 5¾ inches across. **GLADNESS** is by far the best extra early red I've come upon. **MYRNA FAY** gave us two gorgeous spikes of show caliber from the two bulbs; the color was lovely—the least flecked of any lavender I ever saw. (Mrs. J. A. S., Montana)

MIGHTY MONARCH (Butt) (M) Just about the tallest and strongest of all the reds, with the possible exception of the new Mid-America. Opens 8 to 10 large rich crimson red florets on very tall, straight, sturdy spikes, extra long flowerheads. Mighty Monarch was one of the highlights of our trial garden last summer; it should become very popular.

L \$2.00, M \$1.25, S .75, Bulblets 2—.30, 10—\$1.20, 25—\$2.40

MINSTREL (Palmer) (ML) A large lavender that can be good, although it is usually rather short and a little lacking in substance with us. Fair propagator but bulblets do not make much growth the first year usually. A spike of Minstrel won the Grand Championship at the Utah show last summer, showing that when well grown it can make some excellent spikes.

L \$1.50, M \$1.00, S .60, Bulblets 2—.25, 10—\$1.00, 50—\$4.00

MISS WISCONSIN (Krueger) (M) We still call this the finest all-purpose rose pink on the market. Deeper than Topflite, with well attached rounded florets, it is a fine florist variety. By not digging too early, giving bulbs plenty of time to mature, we have found it to be a good average bulblet producer. 7 to 9 large flowers open on a medium tall spike. A beautiful color that is a favorite with our florist customers.

L .50, M .35, S .20, Bulblets 4—.25, 10—.50, 100—\$4.00

MOUNTAIN GEM (Requa) (M) A large tall medium scarlet red with a faint light picotee edge around all petals. 6 or 7 round, well attached flowers open on a good spike. A reliable grower, good propagator, and a good bloomer from all sizes.

L \$1.00, M .75, S .45, Bulblets 2—.20, 10—.75, 100—\$6.00

MT. INDEX (Miller-Kaylor) (E) A western origination that is rapidly gaining recognition over the country as a fine early cut-flower variety. Clear white with a real yellow throat. Opens 6 or 7 large round plain petalled florets on a tall, slender, always straight spike. Reliable grower, fast propagator, a grand commercial. Is winning at the shows too—Grand Champ, West Virginia 1947.

L .20, M .15, S .10, Bulblets 25—.25, 100—.75, 1000—\$5.00

MYRNA FAY (N. H. Lines) (VE) An A-1 early commercial lavender, and one that has done plenty of winning at the shows during the past two years. Sometimes flecks, as most lavenders do, but with us color is quite clear unless bloomed in very hot weather. An extremely heavy propagator, bulblets nearly all germinating and making large growth. Myrna Fay, like Huntress, is a descendant of Early Rose. We have never had a crooked spike of Myrna Fay, and it is uniformly tall.

L \$2.00, M \$1.50, S \$1.00, Bulblets 2—.25, 10—\$1.00, 100—\$5.00, 1000—\$40.00

MYSTERY— (Stinson-Perry Lee) (M) This is one of our favorite blotched varieties. An attractive pure pink with an unobtrusive cherry red blotch. 7 or 8 large, well placed, well attached flowers open on tall stems. A fine exhibition glad and we think one of the best Canadian varieties ever put out. Quite a good propagator.

L .50, M .35, S .20, Bulblets 10—.35, 100—\$2.80

NORMANDIE (Miller-Kaylor) (M) Beautiful soft pastel pink and cream. Large florets and a tall grower, with exquisite color. A poor propagator; we never have enough to supply the demand.
L \$1.00, M .75, S .50, Bulblets 2—.25, 10—\$1.00

OKLAHOMA (Wilson) (M) Soft lavender gray smoky with nicely frilled medium sized florets. More refined in appearance than most smoky varieties. Only medium height with us.
L .80, M .55, S .30, Bulblets 3—.20, 10—.50

ORANGE GOLD (Marshall) (EM) Our favorite orange for color, and one that usually demands first attention from garden visitors. Grows very tall with medium large florets, usually about 6 open. This might have been called "Miners' Gold" as it is about the color of the gold dust used for currency by early day miners. A wonderful commercial color. Good bulb maker, propagation and germination quite good.

L \$1.00, M .60, S .40, Bulblets 2—.20, 10—.75, 100—\$6.00

OREGON ROSE (Mitsch-Brandon) (EM) A commercial rose pink that is becoming more popular each year; unexcelled for floral use in the making of sprays and other pieces. Tall stems, rather short flowerheads with practically all the flowers open at once. Oregon Rose was Grand Champion at Sioux City last summer, showing that when well grown it can be an exhibition variety as well as a grand commercial.

L .15, M .10, Bulblets 100—.40

ORIENTAL PEARL (Carlson-Puerner) (M) A huge cream glad that has received a lot of publicity, and all of it well deserved, in our opinion. A very tall strong grower, with 5 or 6 huge bell like flowers open at once. Makes a fine display particularly for massive decorative effects, tall baskets, etc. We had only a few crooks in our planting of several hundred bulbs last summer. A fine propagator and bulblets grow well, many blooming.

**L \$2.00, M \$1.50, S \$1.00, Bulblets .25, 10—\$2.00, 100—\$15.00
1000—\$75.00**

ORPHEUS (Roberts) (EM) Striking bright salmon-orange with clear cut deeper blotch on cream center. About 7 nicely ruffled 5-inch florets open on a tall spike. A novelty glad that is liked by all who see it; particularly noteworthy for its ability to hold its color in hot weather. Good increaser, fine bulb maker. Orpheus is one of our premium varieties for 1948—one bulb given free with each order from this list amounting to \$15.00 or more. Only one bulb to a customer. Not for sale until 1949.

PEGGY (West-Arenius) (EM) A nicely colored soft lavender of medium size on a tall stem. An early mid-season bloomer. While we haven't seen much of it, it will probably find a place as a commercial lavender. Florets may be a trifle small for the tall stem. A nice unflecked color on the order of Badger Beauty; looks like a much healthier grower than that variety.

L \$3.00, M \$2.00, S \$1.00, Bulblets .40, 10—\$3.00, 25—\$6.00

The spike of GAVOTTE lasted for almost a month and bloomed to the very tip. One of my wife's favorites; a lovely color.

(J. B., Chicago)

PERFUME (Brauer) (E) After having tried out practically all of the so-called fragrant glads we still think Perfume has the most distinctive and easily recognized scent of any except our new seedling, Cologne. It should have value in breeding for fragrance as it is superior to most in form, substance, color, etc. Creamy white, small purple feather. 4-inch florets, about 5 open.

M .15, S .10, Bulblets 25—.25, 50—.40

PERSONALITY (Butt) (M) This new one is about the huskiest, strongest grower of all the pinks of recent introduction. We call it a rosy salmon, somewhere near the color of old Smiling Maestro, no flecking, with a light infusion of dusty rose. A Picardy seedling, it resembles its parent in spike formation, with more formal placement and uniformly long spikes. A good propagator and bulblets make good growth. Personality should become a popular exhibition variety, and has all the earmarks of a good commercial as well.

L \$3.00, M \$2.00, S \$1.25, Bulblets .25, 10—\$2.00, 25—\$4.00

PHOEBE (Scheer) (M) A pure pink glad that has done well for us; perhaps you are overlooking a good bet in not trying this one. Reported variable in performance in some places but a good grower here. A pure medium pink, unflecked, often called "Corypheen" pink—perhaps a little brighter than that old Pfitzer variety. Good propagator; about 6 large flowers open on a medium-tall spike.

L \$1.00, M .60, S .35, Bulblets 2—.20, 10—.75, 100—\$6.00

PIONEER (LaSalle-Arenius) (EM) Rather deep salmon pink with a bright creamy yellow throat giving quite a striking effect. About 6 large flowers open on tall stems, flowerheads not too long. Placement sometimes a little irregular, but such a fine color that it can be forgiven a few faults. It has been a fairly good propagator for us.

L .50, M .35, S .20, Bulblets 4—.25, 10—.50, 50—\$2.00

PROSPERITY (Silva) (M) A brand new color in Picardy sports — light rose pink with a silvery sheen that is most attractive. In addition the florets are nicely ruffled; the first sport of Picardy to exhibit this quality. From first blooms last summer we were very much impressed with Prosperity, and we noted that all comments by visitors were favorable. Picardy growing and propagating habits.

L \$3.00, M \$2.00, S \$1.50, Bulblets .25, 10—\$2.00, 25—\$4.00

PURPLE SUPREME (Wilson) (ML) Still our favorite all-purpose purple variety. Most reliable in opening 8 or more good sized flowers on extra tall always straight spikes. In damp weather its color is inclined to flake off some, especially when planted to bloom late in the season; this is the only possible fault we have found with it. A fine propagator, making nice bulbs.

L .15, M .10, Bulblets 100—.35, 1000—\$2.00

I have never grown a better early white than MT. INDEX — tall, large, straight, splendid color. Gave salable bloom from all sizes.

(R. C. A., Indiana)

RED CHARM (Butt) (EM) Of the older reds we consider this the best. A fine commercial cut flower variety, with a long list of show winnings to its credit as well. Growing and propagating habits all to the good, and it opens a long ribbon of color on fine spikes. One of the best Canadian originations.

L .10, M .06, S .04, Bulblets 100—.30, 1000—\$2.00

RED CHERRY (Roberts) (E) Our 1946 introduction, now being increasingly recognized as a coming commercial scarlet. A smooth bright scarlet red with a faint rosy undertone and a cherry red throat. 6-7 large, round, lightly frilled florets open on a tall spike that is always straight. Comes about as near being a red Picardy as anything we have seen—in fact one report stated that it grows as large as Picardy and should be in class 550 instead of 450 as we had classified it. A good propagator of bulblets that germinate and grow well. Early, about 70 days.

L \$2.00, M \$1.50, S \$1.00, Bulblets .25, 10—\$1.80, 100—\$14.00, 1000—\$100.00

RED RASCAL (Graff) (M) Large ruffled red with white lines. Reminds one somewhat of Crimson Tide; probably a little larger and with more formal placement. A red that has performed well for us, a fairly good propagator.

M \$2.00, S \$1.00, Bulblets .30, 10—\$2.40

ROSEA (Errey) (EM) Large Picardy type spikes, but a different color, a light rose pink not far from that of Miss Wisconsin. We believe Rosea to be one of the best Australian originations. We have grown it for years, but haven't listed it before because our starting stock was mixed and we have just been able to get it cleaned up. Placement and attachment not always perfect, but mostly fine spikes. A good propagator.

M .35, S .25, Bulblets 4—.20, 10—.40, 100—\$3.00, 250—\$6.00

ROBINSON CRUSOE (Lins) (M) An odd smoky that is admired by many people. A little dull appearing, and of medium height as it grows here. Quite an interesting "marbled" coloring.

M .75, S .50, Bulblets 2—.30, 10—\$1.25

ROSEGLOW (Klein) (M) A new glad of rather different color, a soft but bright salmon rose. A little on the order of Harmau but probably an improvement in color and with the lightly frilled round florets better attached to the stem. It made a good impression in its first blooming here last summer.

L \$1.50, M \$1.00, Bulblets 2—.25, 10—\$1.00

ROYAL GARNET (Haring) (E) Hardly seems to belong with the black reds, being some darker than Red Charm but with a garnet red undertone. Should be a better florist flower than those that are too dark. Medium-tall, it seemed better than usual last season. Opens 5 or 6 large flowers at a time. Just a fair propagator.

L \$1.00, M .75, S .50, Bulblets 2—.20, 10—.80, 25—\$1.60

It is a pleasure to receive your bulbs, they are so clean. We got 117 bulblets from the one bulb of JUNE DAY, and the flower was lovely. I also saw RED CHERRY at a show and it was grand.

(B. & B., New York)

RUBY RED (Young) (M) Well named, this is a clear rose red with many open florets. Stem medium-tall but flowerheads don't stretch up as much as we like. Fast propagator.

L \$1.50, M \$1.00, S .50, Bulblets 2—.30, 10—\$1.20, 100—\$9.00

SEASHELL (Roberts) (ML) New large tall light pink. Florets average 5½ to 6 inches, with 6 open on straight spikes. The flat open smooth shell pink flowers are lightly ruffled and have very heavy substance and satiny texture. Not just another pink, but one that is truly distinctive; has to be seen to be fully appreciated. **SEASHELL** is one of our Premium varieties for 1948—one bulb given free with each order from this list amounting to \$7.50 or more. Only one bulb to a customer. Not for sale until 1949.

SILVER STAR (E. B. Snyder) (M) Unique among the blotched whites in that its throat markings are a light purple or deep lavender in place of the usual red or rose blotches. Tall, very large, with 7 round florets open at a time. A good grower and propagator. Bulblets rather small but germinate very well. Should become very popular.

M .35, S .20, Bulblets 10—.25, 100—\$2.00, 250—\$4.00

SILVER WINGS (Ritsema-Graff) (M) Another great favorite here, and in our opinion the best white Picardy sport. Large florets, nicely frilled, 7 open on fine spikes. Picardy growing and propagating habits, although it seems to make even more but smaller bulblets than Picardy does. Like Leading Lady, Silver Wings sometimes comes with one or several petals streaked with pink, attesting to the fact that it is a true sport.

L \$1.00, M .75, S .50, Blts 2—.20, 10—.80, 100—\$5.00, 1000—\$25.00

SPARKS (Glass) (M) Quite a spectacular new glad with unusual markings. A sister seedling of Coventry, but the contrast between the deep cream ground color and the large red blotch seems more intense in Sparks. A tall grower, good propagator. Very aptly named; the uneven edges of the red blotch almost seem to be sparks shooting out toward the edges.

M \$2.00, S \$1.25, Bulblets .25, 10—\$2.00, 25—\$4.00

SPIC & SPAN (Carlson-Puerner) (M) One of the really great show varieties, and we believe a good future commercial as well. From the cross that produced Gavotte (Picardy x New Era), this new one is a much darker shade of pink. Opens 7 to 9 well placed beautifully frilled florets on a long flowerhead, tall stem. Has won many Grand Champion awards and other prizes during the past two years. This is certainly one to get started with as soon as possible for exhibition and cut flower use. Propagates well.

L \$3.50, M \$3.00, S \$2.50, Bulblets .35, 10—\$2.80, 25—\$5.50

SPOTLIGHT (Palmer) (EM) A great yellow, nothing else just like it. Golden yellow with a bright red throat; distinctive and very attractive. A good grower, making fine tall spikes, about 6 good sized florets open. Everyone likes Spotlight, and it is said to be a good shipping variety.

L .50, M .35, S .20, Bulblets 10—.30, 100—\$2.40

SUMMER GAL (Zimmer-Graff) (M) A very large deep salmon pink, small deeper throat marking. Well placed florets, perhaps a little crowded on the spike, making a striking ribbon of attractive color. The florets are nicely ruffled. A fine grower; just a fair propagator. Has been a good winner at the shows.

M \$2.00, S \$1.00, Bulblets .25, 10—\$2.00

SUN SPOT (Roberts) (M) In last year's catalog we said "Sun Spot should become a great show variety as well as a fine commercial". Its 1947 performance has certainly justified our prediction, with three grand championship awards, one 2nd Day Championship and numerous other winnings. Commercial bulb and cutflower growers are now stocking up in quantity, indicating their confidence in its commercial value. For the benefit of those who have not yet seen it, SUN SPOT is a yellowish apricot-buff with rose red spot in the throat. 7 to 9 large florets, nicely ruffled, open on a tall straight stem, long flowerhead. It is a very strong grower, a good propagator, with bulblets germinating well and making fine growth. If you don't have it yet, this is the year to get started with Sun Spot. We will probably be sold out of large bulbs before the season is over, but should have plenty of medium and small, and it is a fine bloomer from all sizes.

L \$2.00, M \$1.50, S \$1.00, Bulblets .25, 10—\$2.00, 100—\$16.00, 1000—\$112.00

SUSANNAH (Lake) (EM) A beautifully ruffled, daintily colored variety of medium size and height. Pure pink shading lighter to a white throat. About 5 or 6 florets open at a time.

M .30, S .20, Bulblets 10—.35, 100—\$2.80

SUSQUEHANNA (Herridge) (M) In florescence this variety rivals Heritage at its best (it is a Picardy x Heritage seedling), but in color it is quite different—a light creamy buff. Opens a lot of large round plain petalled flowers on good stems. Like Heritage we find it makes a percentage of short flowerheads, but not as bad in that respect. We like Susquehanna very much. Makes lots of small bulblets.

L .20, M .12, S .08, Bulblets 35—.25, 100—.60, 250—\$1.20

TAHLAHNEKA (Miller-Kaylor) (EM) This is an Indian name meaning "Golden Treasure". However it is not a golden yellow, but a very large plain petaled medium yellow. It is quite popular here in the western states; we believe it to be the largest yellow. Opens 6 to 8 six-inch florets on tall spikes. Fine propagator and good germinator.

L .20, M .15, S .10, Bulblets 40—.20, 100—.50, 1000—\$3.50

TECUMSEH (Palmer) (M) An older smoky variety that we still list on account of its unusual color and petal formation. Florets are ruffled, fluted, and often laciniated. The color is quite attractive too; a soft lavender gray with a small rose feather. A little variable in performance, but makes a good percentage of fine spikes, and is much admired as a novelty.

L .25, M .20, S .15, Bulblets 20—.25, 100—\$1.00

Nothing was good during the worst of the drought; later on RED CHERRY gave us fully 90% fine spikes although planted on poorer higher ground than the other varieties. (Mrs. L. E. M., Indiana)

TOPFLITE (LaSalle-Arenius) (EM) One of the highlights of our 1947 planting was beautiful rose pink Topflite. A clear light rose with small deeper rose feather on cream center, but in effect practically a self color. Opens 7 to 9 very large flowers on tall spikes. Foliage seems to brown off rather early, but apparently makes good bulbs although husks are thin and they are not as smooth in appearance as we like. Just a fairly good propagator but bulblets, planted middle of March, germinated very well and made good size. Topflite is certainly a beautiful glad and should become extremely popular. It has been a consistent winner at the shows.

L \$5.00, M \$4.00, S \$3.00, Bulblets .60, 10—\$5.00

TREASURE ISLAND (Lins) (EM) A beautiful new light pink, a smooth soft shade with a slight rosy hue. Looks like an improved Rosa van Lima, with larger florets; lightly frilled, 6 open. L \$2.00, M \$1.50, S \$1.00, Bulblets .25, 10—\$2.00

TRUELOVE (Klein) (E) Not only a beautiful color, but apparently one of the earliest pinks to bloom. 5 or 6 good sized florets open on a medium-tall stem, long flowerhead. A soft pink color that is most attractive for all purposes.

L .60, M .40, S .25, Bulblets 10—.35, 50—\$1.40

TUNOLIA (Kaylor) (EM) Huge pure white. Tall stem, medium flowerhead. Makes a really massive display, although the upright faced florets are somewhat bunched. A strong grower, good propagator.

L .20, M .15, S .10, Bulblets 20—.25, 100—\$1.00, 250—\$2.00

TUTS BOTH (Both) (EM) This might be called an orange Picardy. A little more on the red side of orange than Orange Gold and some others; a self color with small darker feather. Makes beautiful spikes and has been a heavy winner at the shows. 7 or 8 large round Picardy type flowers open on fine spikes. A fine propagator. We like it very much.

L \$1.00, M .60, S .35, Bulblets 4—.25, 10—.50, 100—\$4.00

VANGOLD (VanVoorhis) (E) One of the best deep yellows, this is also an early bloomer, making it especially valuable for cutting. Florets are well opened and are larger than most of the older yellows of the early type.

M .25, S .15, Bulblets 10—.35, 100—\$2.50

VICTORY QUEEN (Wilson) (ML) A nicely ruffled salmon with a small cream throat spot. About 7 good sized florets open on a fair spike. Probably grows best in heavier soil; we have never been able to get the tall growth that others report. Good increase.

L \$1.00, M .70, S .40, Bulblets 4—.25, 10—.50, 100—\$4.00

VOODOO (Kadel) (EM) An unusual and interesting smoky, although one that could hardly be called beautiful. Shades of gray and brown with rather unusual floret form. Makes good spikes and is a good propagator and fine grower from bulblets. Those who like glads that are different will surely like Voodoo.

M .35, S .25, Bulblets 4—.20, 10—.40, 100—\$3.00

VULCAN (Stevens) (M) One of the good purples and one of the most attractive in color. We get an occasional crook but most spikes are straight. Tall spikes with about 6 large flowers of clear reddish purple.

L .15, M .10, Bulblets 25—.25, 100—.75, 250—\$1.50

WHITE CHALLENGE (Arnett) (M) Here was one of our top performers last season. An attractive faintly blushed white with a soft rose blotch; 8 or 9 large round well-placed florets open. A fine grower and we got quite good bulblet increase. White Challenge won at least three Grand Championships at 1947 shows.

Bulbs, any size, \$5.00, Bulblets .60, 10—\$5.00

WHITE GODDESS (Roberts) New giant ruffled white. See 1948 introductions.

WHITE MAGIC (Kuhn) (M) A good looking new ruffled white that we grew from small sizes only, but it made a good impression. We have also had good reports from others who have grown it.

L \$5.00, M \$3.50, S \$2.50, Bulblets .50, 10—\$4.00

YANKEE LASS (Schenetsky-Milo) (M) Large tall pale pink with small darker feather; 8 or 9 large florets with regular placement on good spikes. A fair propagator.

L \$5.00, M \$3.50, S \$2.00, Bulblets .60, 10—\$5.00

ZELLADEE (Kaylor) (M) A different lavender, deeper than most, with a cream throat and rather odd plain narrow petals. Makes mostly quite small bulblets, but they germinate well.

M .65, S .50, Bulblets 2—.20, 10—.75

GLADIOLUS SOCIETIES

You will raise better glads and enjoy them more if you have for reference some of the fine gladiolus publications of the various societies. In addition to any state or local organizations in your vicinity, several groups of National or International scope offer literature with value far exceeding the modest cost.

The New England Gladiolus Society, Horticultural Hall, Boston, 15, Mass., (annual dues \$2.00) puts out a beautifully bound Yearbook of more than 200 pages, plus 6 magazines during the year, 40-60 pages each. The North American Gladiolus Council, (A. Bazdorf, Membership Secretary, Lincoln Park, N. J., publishes 4 large Bulletins which are included in the \$1.00 yearly dues. The Canadian Gladiolus Society, 166 Willow Road, Guelph, Ontario, offers a big Yearbook, about 200 pages, featuring variety comments, symposium, etc., (Dues \$2.00). All of the above have lots of interesting and informative articles, pictures, and other features pertaining to every phase of gladiolus growing.

WHOLESALE PRICES

We do not grow many varieties in quantity, but we can quote wholesale rates on some Roberts originations, and a few other varieties, including SILVER WINGS, ORIENTAL PEARL, TUTS BOTH, MT. INDEX, TAHLAHNEKA, MYRNA FAY, MOUNTAIN GEM, H. R. HANCOCK and DIEPPE, particularly in smaller sizes and bulblets. Let us know what varieties you are interested in, and we will quote on those we can supply.

Wholesale prices on Roberts originations (not prepaid):

| (Bulbs per 100) | Large | Medium | Small | (Blts) | Pint |
|------------------|----------|----------|---------|--------|----------|
| SUN SPOT | \$128.00 | \$ 96.00 | \$64.00 | | \$200.00 |
| RED CHERRY | 128.00 | 96.00 | 64.00 | | 180.00 |
| JUNE DAY | 192.00 | 128.00 | 96.00 | | 190.00 |
| GAVOTTE | 96.00 | 64.00 | 48.00 | | 110.00 |

GROWERS' UNITS

SUN SPOT 5 medium, 10 small, 100 blts, \$27.50

RED CHERRY 5 medium, 10 small, 100 blts, 25.00

GAVOTTE 5 medium, 10 small, 125 blts, 22.50

JUNE DAY 3 medium, 7 small, 75 blts, 25.00

Special: All four above units for \$90.00

COLLECTION ROBERTS ORIGINATIONS

1 bulb each — SUN SPOT, RED CHERRY, GAVOTTE, JUNE DAY

Coll. A — Large bulbs, \$7.00

Coll. B — Medium bulbs, \$5.00

Coll. C — Small bulbs, \$3.00

I was especially pleased with the condition of the bulbs you sent; I could not see one spot of disease on them. Many thanks for the extras and overcount.
(Miss B. H., Minnesota)

The most outstanding spike I grew last summer was MAHASKA; it had 7 open, 7-inch flowers, a nice salmon orange color. GAVOTTE was a very nice light pink, think it will be a very fine commercial.

(B. H. N., Illinois)

I want to tell you how much I like your SUN SPOT. A spike cut last evening has 9 open this morning. This is the best spike of any variety I have had this season; it surely is a very beautiful glad.

(G. C. M., Wisconsin)

The spike of SUN SPOT that was best glad in the show (2nd Day) at our Province of Quebec show this year was a magnificent specimen.
(R. E. C., Canada)

GROWING HINTS

When your bulbs are received, open the bags to admit air, and keep them in a cool, dry place until planting time. They may be planted from about April 1 to June 15 in most localities, except of course in the South and California, where the season is earlier. Any good garden soil will raise good glads if located away from buildings, trees and large shrubs.

After preparing the soil well, plant the bulbs about 4 or 5 inches deep (shallower for the smaller sizes), and from 4 to 6 inches apart, with from 18 to 30 inches between rows. Bulblets may be planted quite thickly, about 2 inches deep. Plenty of moisture is important in obtaining good bulblet germination, but bulbs do not require much water at first unless ground is unusually dry. But from the time the stem begins to thicken until blooming time, plenty of moisture should be supplied if nature falls down on the job.

About six weeks after blooming the bulbs should be ready to dig. It is not necessary or desirable to wait until the foliage freezes or turns brown. Loosen the soil around the plant and it will pull up easily with the bulb attached; the stem should then be cut off close to the bulb. Keep in a warm, dry place for 2 or 3 weeks, after which the old withered bulb can be cleaned off easily, and the new bulb will be ready for winter storage. A cool dry place with a temperature of 40-50 degrees is ideal. Small lots may be stored in paper bags or boxes, but be careful not to pile bulbs more than 3 or 4 inches deep at any time.

Thrips: This is a small insect which can cause great damage to gladiolus blooms if not held in check. If you have any reason to believe that thrips may be present on your bulbs, give them a thorough dusting with 5% DDT during storage. Since thrips can fly some or may be carried to your glad patch by the wind, a preventive spraying or dusting program is advisable. Many growers have reported complete freedom from thrips damage by dusting the plants once a week with 5% DDT from the time they are a few inches tall until they bloom.

I want to thank you for the way you filled my order last year; the extras amounted to nearly the value of the order. CRINKLE-CREAM is tops! MISS WISCONSIN and MT. INDEX were just grand. FIRST LADY flecked so much that several spikes could almost have been called a pink smoky. That doesn't sound too good, but it was very attractive. (Bro. A.H., Cincinnati)

GAVOTTE was grand last summer. I had a spike of BENGASI and one of GAVOTTE in a vase together and it was pretty hard to tell them apart; they were both great spikes. (R.E.B., Pennsylvania)

Won a blue ribbon on your FIRST LADY, I like its clear deep color and ruffling. (Mrs. P.H.K., New York)

A good friend of mine bought some bulbs from you last year and was so well pleased, I am sending you this order. (R.F.S., Wisconsin)

SUN SPOT is tops around here since the Binghamton show; it is a great glad. (F.E.Y., New York)

SUN SPOT was ideal, with well ruffled florets exceptionally well placed, and a very pleasing color that appeals to all. DAYDREAM was very nice, blooming same time as HUNTRESS and LEMON ICE. (S.E.T., West Virginia)



SUN SPOT in Canada

Mr. Sydney Mode of Vankleek Hill, Ontario, admires a couple of 10-open spikes as he grows them. Mr. Mode won the 2nd Day Champion Spike award at the Province of Quebec show at Montreal last summer with a fine spike of SUN SPOT — just one of the many prizes which enabled him to win the Sweepstakes award at this premier Canadian show.